

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. <b>PB0114</b>	SERIAL NO. <b>to be assigned</b>
	APPLICANT <b>Y. Gu, et al.</b>	
	FILING DATE <b>September 30, 2003</b>	GROUP <b>1652</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,204,250	03/20/01	Bot et al.	514	44	
	6,204,061	03/20/01	Capecchi et al.	435	463	
	6,187,305	02/13/01	Treco et al.	424	93.21	
	6,180,377	01/30/01	Morgan et al.	424	133.1	
	6,180,370	01/30/01	Queen et al.	435	69.6	
	6,162,963	12/19/00	Kucherlapati et al.	800	18	
	6,150,584	11/21/00	Kucherlapati et al.	800	18	
	6,124,128	09/26/00	Tsien et al.	435	252.33	
	6,114,598	09/05/00	Kucherlapati et al.	800	18	
	6,110,898	08/29/00	Malone et al.	514	44	
	6,096,865	08/01/00	Michaels	530	350	
	6,090,919	07/18/00	Cormack et al.	530	350	
	6,075,181	07/13/00	Kucherlapati et al.	800	25	
	6,066,476	05/23/00	Tsien et al.	435	69.7	
	6,063,630	05/16/00	Treco et al.	435	463	
	6,054,321	04/25/00	Tsien et al.	436	86	
	6,054,297	04/25/00	Carter et al.	435	69.6	
	6,051,831	04/18/00	Koster	250	281	
	6,048,524	04/11/00	Selden et al.	424	93.21	
	6,046,800	04/04/00	Ohtomo et al.	356	141.1	
	6,042,549	03/28/00	Amano et al.	600	500	
	6,027,881	02/22/00	Pavlakakis et al.	435	6	
	6,025,201	02/15/00	Zelmanovic et al.	436	63	
	6,017,897	01/25/00	Li et al.	514	44	
	6,016,191	01/18/00	Ramos et al.	356	70	
	6,013,256	01/11/00	Light et al.	424	133.1	

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	6,004,752	12/21/99	Loewy et al.	435	6	
	6,004,744	12/21/99	Goelet et al.	435	5	
	6,001,233	12/14/99	Levy	204	618	
	5,985,847	11/16/99	Carson et al.	514	44	
	5,984,175	11/16/99	Popp	235	375	
	5,981,214	11/09/99	Skoultchi	435	69.1	
	5,968,750	10/19/99	Zolotukhin et al.	435	6	
	5,958,891	09/28/99	Hsu et al.	514	44	
	5,945,339	08/31/99	Holloman et al.	435	477	
	5,939,598	08/17/99	Kucherlapati et al.	800	25	
	5,930,143	07/27/99	Savazzi	700	195	
	5,925,517	07/20/99	Tyagi et al.	435	6	
	5,889,351	03/30/99	Okumura et al.	310	321	
	5,888,983	03/30/99	Kmiec et al.	514	44	
	5,880,104	03/09/99	Li et al.	514	44	
	5,877,397	03/02/99	Lonberg et al.	800	18	
	5,874,304	02/23/99	Zolotukhin et al.	435	366	
	5,874,299	02/23/99	Lonberg et al.	435	320.1	
	5,871,984	02/16/99	Kmiec	435	463	
	5,869,619	02/09/99	Studnicka	530	387.3	
	5,854,033	12/29/98	Lizardi	435	91.2	
	5,846,726	12/08/98	Nadeau et al.	435	6	
	5,843,913	12/01/98	Li et al.	514	44	
	5,830,877	11/03/98	Carson et al.	514	44	
	5,824,269	10/20/98	Kosaka et al.	422	73	
	5,821,337	10/13/98	Carter et al.	530	387.3	
	5,821,123	10/13/98	Studnicka	435	328	

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	5,814,318	09/29/98	Lonberg et al.	424	184.1	
	5,807,715	09/15/98	Morrison et al.	435	69.6	
	5,804,566	09/08/98	Carson et al.	514	44	
	5,804,387	09/08/98	Cormack et al.	435	6	
	5,795,972	08/18/98	Kmiec	536	23.1	
	5,789,650	08/04/98	Lonberg et al.	800	18	
	5,783,674	07/21/98	Geysen	530	413	
	5,780,296	07/14/98	Holloman et al.	435	320.1	
	5,777,079	07/07/98	Tsien et al.	530	350	
	5,770,429	07/23/98	Lonberg et al.	435	328	
	5,770,196	06/23/98	Studnicka	424	133.1	
	5,766,886	06/16/98	Studnicka et al.	435	70.21	
	5,760,012	06/02/98	Kmiec	514	44	
	5,756,325	05/26/98	Kmiec	435	463	
	5,744,305	04/28/98	Fodor et al.	435	6	
	5,741,668	04/21/98	Ward et al.	435	69.1	
	5,731,181	03/24/98	Kmiec	435	6	
	5,723,591	03/03/98	Livak et al.	536	22.1	
	5,719,262	02/17/98	Buchardt et al.	530	300	
	5,714,331	02/03/98	Buchardt et al.	435	6	
	5,714,320	02/03/98	Kool	435	6	
	5,693,761	12/02/97	Queen et al.	536	23.53	
	5,679,647	10/21/97	Carson et al.	514	44	
	5,677,439	10/14/97	Weis et al.	536	23.1	
	5,677,437	10/14/97	Teng et al.	536	23.1	
	5,663,312	09/02/97	Chaturvedula	536	22.1	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,661,016	08/26/97	Lonberg et al.	435	452	
	5,633,425	05/27/97	Lonberg et al.	800	18	
	5,633,360	05/27/97	Bischofberger et al.	536	22.1	
	5,631,153	05/20/97	Capecchi et al.	435	6	
	5,627,059	05/06/97	Capecchi et al.	800	21	
	5,627,052	05/06/97	Schrader	435	69.6	
	5,625,126	04/29/97	Lonberg et al.	800	18	
	5,625,050	04/29/97	Beaton et al.	536	24.1	
	5,625,048	04/29/97	Tsien et al.	536	23.4	
	5,623,070	04/22/97	Cook et al.	536	27.6	
	5,618,704	04/08/97	Sanghvi et al.	435	91.5	
	5,614,396	03/25/97	Bradley et al.	435	463	
	5,610,289	03/11/97	Cook et al.	536	25.34	
	5,608,046	03/04/97	Cook et al.	536	23.1	
	5,602,240	02/11/97	De Mesmaeker et al.	536	22.1	
	5,596,086	01/21/97	Matteucci et al.	536	22.1	
	5,595,915	01/21/97	Geysen	436	518	
	5,591,669	01/07/97	Krimpenfort et al.	800	11	
	5,589,466	12/31/96	Feigner et al.	514	44	
	5,587,361	12/24/96	Cook et al.	514	44	
	5,571,799	11/05/96	Tkachuk et al.	514	47	
	5,570,694	11/05/96	Rometsch	600	493	
	5,569,825	10/29/96	Lonberg et al.	800	18	
	5,563,253	10/08/96	Agrawal et al.	536	22.1	
	5,561,225	10/01/96	Maddry et al.	536	23.1	
	5,550,111	08/27/96	Suhadolnik et al.	514	44	
	5,545,807	08/13/96	Surani et al.	800	6	

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	5,545,806	08/13/96	Lonberg et al.	800	6	
	5,541,307	07/30/96	Cook et al.	536	23.1	
	5,541,306	07/30/96	Agrawal et al.	536	22.1	
	5,539,084	07/23/96	Geysen	530	334	
	5,539,082	07/23/96	Nielsen et al.	530	300	
	5,538,848	07/23/96	Livak et al.	435	6	
	5,536,821	07/16/96	Agrawal et al.	536	22.1	
	5,527,695	06/18/96	Hodges et al.	800	291	
	5,519,126	05/21/96	Hecht	536	24.3	
	5,489,677	02/06/96	Sanghvi et al.	536	22.1	
	5,487,992	01/30/96	Capecchi et al.	435	6	
	5,476,925	12/19/95	Letsinger et al.	536	23.1	
	5,470,967	11/28/95	Huie et al.	536	24.3	
	5,466,677	11/14/95	Baxter et al.	514	44	
	5,464,764	11/07/95	Capecchi et al.	435	6	
	5,455,233	10/03/95	Spielvogel et al.	514	44	
	5,453,496	09/26/95	Caruthers et al.	536	24.5	
	5,445,934	08/29/95	Fodor et al.	435	6	
	5,434,257	07/18/95	Matteucci et al.	536	24.3	
	5,405,939	04/11/95	Suhadolnik et al.	530	322	
	5,405,938	04/11/95	Summerton et al.	528	406	
	5,399,676	03/21/95	Froehler	536	23.1	
	5,321,131	06/14/94	Agrawal et al.	536	25.34	
	5,286,717	02/15/94	Cohen et al.	514	44	
	5,279,044	01/18/94	Bremer	33	706	
	5,278,302	01/11/94	Caruthers et al.	536	24.5	

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	5,276,019	01/04/94	Cohen et al.	514	44	
	5,272,071	12/21/93	Chappel	435	6	
	5,264,564	11/23/93	Matteucci	536	23.1	
	5,264,562	11/23/93	Matteucci	536	23.1	
	5,264,423	11/23/93	Cohen et al.	514	44	
	5,235,033	08/10/93	Summerton et al.	528	391	
	5,216,141	06/01/93	Benner	536	27.13	
	5,214,134	05/25/93	Weis et al.	536	25.3	
	5,188,897	02/23/93	Suhadolnik et al.	428	402.2	
	5,186,042	02/16/93	Miyazaki	73	118.1	
	5,185,444	02/09/93	Summerton et al.	544	81	
	5,177,196	01/05/93	Meyer, Jr. et al.	536	22.1	
	5,166,315	11/24/92	Summerton et al.	528	406	
	5,034,506	07/23/91	Summerton et al.	528	391	
	5,023,243	06/11/91	Tullis	514	44	
	4,708,871	11/24/87	Geysen	424	186.1	
	4,476,301	10/09/84	Imbach et al.	536	25.2	
	4,469,863	09/04/84	Ts'o et al.	536	24.5	
	4,246,774	01/27/81	Flesselles et al.	73	38	
	3,980,986	09/14/76	Baird et al.	367	82	
	3,687,808	08/29/72	Merigan, Jr. et al.	435	91.3	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 00/15779	03/23/00	PCT				
	WO 99/58720	11/18/99	PCT				
	WO 98/59362	12/30/98	PCT				

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	WO 00/15779	03/23/00	PCT				
	WO 99/58720	11/18/99	PCT				
	WO 98/59362	12/30/98	PCT				
	WO 98/59361	12/30/98	PCT				
	WO 98/59360	12/30/98	PCT				
	WO 98/12559	03/26/98	PCT				
	WO 97/43316	11/20/97	PCT				
	WO 97/34631	09/25/97	PCT				
	WO 97/19193	05/29/97	PCT				
	WO 96/32478	10/17/96	PCT				
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